

Product Information

MemDX™ Membrane Protein Human YME1L1 (YME1 like 1 ATPase) Full Length

Cat. No.: **MPC1804K**

This product is for research use only and is not intended for diagnostic use.

This product is a 86.4 kDa Human YME1L1 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

YME1L1

Protein Length

Full length

Protein Class

Protease

Molecular Weight

86.4 kDa

TMD

1

Sequence

MFSLSSTVQPQVTVPLSHLINAFTPKNTSVSLSGVSVSQNQHRDVVPEH
EAPSSECMFSDFLTKLNIVSIGKGKIFEGYRSMFMPEAKRMKKSLDTTDN
WHIRPEPFSLSIPPSLNLRDLGLSELKIGQIDQLVENLLPGFCKGKNISS
HWHTSHVSAQSFFENKYGNLDIFSTLRSSCLYRHHSRALQSICSDLQYWP
VFIQSRGFKTLKSRTTRLQSTSERLAETQNIAPSFVKGFLLRDRGSDVES
LDKLMKTKNIPEAHQDAFKTGFAEGFLKAQALTQKTNDSLRRTLILFVL
LLFGIYGLLKNPFLSVRFRTTGLDSAVIDPVQMKNVTFEHVKGVEEAKQE
LQEVVEFLKNPQKFTILGGKLPKGILLVGPPGTGKTLLARAVAGEADVPF
YYASGSEFDEMFGVGASRIRNLFREAKANAPCVIFIDELDSVGGKRIES
PMHPYSRQTINQLLAEMDGFKNPNEGVIIGATNFPEALDNALIRPGRFDM
QVTVPRPDVKGRTILKWYLNKIKFDQSVDPETIARGTVGFSGAELENLV
NQAALKAADVKGEMVTMKELEFSKDKILMGPERRSVEIDNKNKTITAYHE
SGHAIAYYTKDAMPINKATIMPRGPTLGHVSLLPENDRWNETRAQLLAQ
MDVSMGGRVAEELIFGTDHITGASSDFDNATKIAKRMVTKFGMSEKLGV
MTYSDTGKLSPETQSAIEQEIRILLRDSYERAKHILKTHAKEHKNLAEAL
LTYETLDAKEIQIVLEGKKLEVR

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

YME1L1

Full Name

YME1 like 1 ATPase

Introduction

The protein encoded by this gene is the human ortholog of yeast mitochondrial AAA metalloprotease, Yme1p. It is localized in the mitochondria and can functionally complement a yme1 disruptant yeast strain. It is proposed that this gene plays a role in mitochondrial protein metabolism and could be involved in mitochondrial pathologies. Three transcript variants encoding different isoforms have been found for this gene.

Alternative Names

YME1L1; FTSH; MEG4; PAMP; OPA11; YME1L; ATP-dependent zinc metalloprotease YME1L1; ATP-dependent metalloprotease FtsH1 homolog; YME1-like protein 1; meg-4; presenilin-associated metalloprotease; YME1 like 1 ATPase

Gene ID

[10730](#)

UniProt ID

[Q96TA2](#)